

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S154	1	S153 and amine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 10:26
S153	1	raman adj2 signal adj2 enhancer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 10:27
S155	2	raman same signal same enhancer same amine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 10:30
S157	1635	enhancer same amine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 10:32
S156	3	raman same enhancer same amine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 10:32
S158	1244	S157 and @ad<"20031229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 10:34
S160	1	("6361944").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/02/26 10:39
S159	19	S158 and raman	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 10:39

## EAST Search History

S16 1	1	("6133044").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/02/26 11:59
S16 2	2	09/815585	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/02/26 13:24
S16 3	1	("6645721").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/02/26 13:28
S16 5	2	2003/0059822	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/02/26 13:33
S16 4	1	S163 and dispersed and aggregated	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/02/26 13:33
S16 7	0	(alkylthiol) near4 positively	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 11:39
S16 8	69	(alkylthiol) same positively	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 12:29
S16 9	6	positively near3 charged near3 raman near6 enhancer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 12:32
S17 0	23	raman near3 enhancer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 12:33
S16 6	3	10/748374	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 14:09

## EAST Search History

S17 4	4	S172 not S173	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:09
S11	99	S9 and @ad<"20021229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:09
S17 3	4	S172 and @ad<"20021229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:10
S17 2	8	((hairpin or beacon) near3 probe) same (ac or (alternating adj3 current))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/20 15:10
S17 7	261	S176 and hybridiz\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:11
S17 5	562	((hairpin or beacon) near3 probe) and (ac or (alternating adj3 current))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/20 15:12
S17 6	284	S175 and @ad<"20021229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:13
S18 0	642	(probe) same ((ac or (alternating adj3 current)) same (hybridiz\$5))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/20 15:19
S17 8	79	((hairpin or beacon) near3 probe) and ((ac or (alternating adj3 current)) same (hybridiz\$5))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/20 15:19

## EAST Search History

S18 1	451	S180 and @ad<"20021229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:20
S17 9	26	S178 and @ad<"20021229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:20
S18 3	0	mirken.in. and (hairpin or beacon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/21 10:39
S18 2	2	09/815585	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/21 10:39
S18 5	1	mirkin.in. and (hairpin or beacon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/21 10:40
S18 4	4	mirken.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/21 10:40
S6	1156	S5 and @ad<"20031229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/21 10:41
S18 8	973	S187 and current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/21 10:44

## EAST Search History

S18 7	1298	S186 and @ad<"20031229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/21 10:44
S18 6	2232	(hairpin or beacon) and (nanoparticle or colloid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/21 10:44
S18 9	226	((hairpin or beacon) near4 probe) and (nanoparticle or colloid) and (current) and @ad<"20031229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/21 10:45
S19 0	196	((hairpin or beacon) near4 probe) and (nanoparticle or ((metall\$3 or ag or gold or silver)) adj3 colloid) and (current) and @ad<"20031229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/21 10:47
S19 3	34	((((hairpin or beacon) near4 probe) and (ac near3 current)) and @ad<"20031229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/21 10:50
S19 2	0	((((hairpin or beacon) near4 probe) same (ac near3 current)) and @ad<"20031229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/21 10:50
S19 1	12	((hairpin or beacon) near4 probe) and (nanoparticle or ((metall\$3 or ag or gold or silver)) adj3 colloid) and (ac near3 current) and @ad<"20031229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/21 10:50
S19 5	0	("I20and(hairpinorbeacon)").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/09/21 11:25
S19 4	1	("6133044").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/09/21 11:25

## EAST Search History

S17 1	1	("5059294").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/09/21 11:25
S19 6	0	S194 and (hairpin or beacon)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/21 11:45
S19 7	5	2003/0059822	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/21 11:46
S19 8	4	S197 and probe	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/21 11:56
S20 1	2	10/748374 and backbone	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/21 13:17
S20 3	0	S202 and cy3	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/21 14:00
S20 2	1	("6361944").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/09/21 14:00
S20 5	1	S202 and (positiv\$4 or charge\$3)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/21 14:01
S20 4	0	S202 and cy	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/21 14:01
S19 9	3	10/748374 and microelectromechanical	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/21 14:04
S20 8	0	S207 and alkyl	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/21 14:06
S20 7	1	("6133044").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/09/21 14:06

## EAST Search History

S20 0	1	("6133044").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/09/21 14:06
S21 0	0	"6133044".pn. and amine	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/21 14:07
S20 9	0	"6133044".pn. and alkyl	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/21 14:07
S2	20	S1 and @ad<"20021229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/21 14:07
S21 3	244	(alkyl adj2 chain) and raman and @ad<"20021229"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/21 14:11
S21 1	84	alkyl same raman	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/21 14:11
S21 4	149	(alkyl adj2 chain) and raman and probe and @ad<"20021229"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/21 14:13
S21 6	13	amc6	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/21 14:20
S21 5	2	((primary near3 amine) same raman) and probe and @ad<"20021229"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/21 14:20
S21 7	6	S216 and @ad<"20021229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/21 14:21
S21 2	31	S211 and @ad<"20021229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/21 14:21

## EAST Search History

S10	99	S9 and @ad<"20031229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 10:46
S22 1	157	(pyrimidine near3 probe)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 10:55
S21 9	0	(amine same signal same enhancer same raman) and @ad<"20031229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 10:55
S20 6	3	10/748374 and alkyl	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/25 11:27
S22 4	1	("6361944").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/09/25 11:34
S21 8	2	"20070128615"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 11:34
S22 6	3	10/748374 and (first near2 label)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/25 12:01
S22 5	1	S224 and (length or size or base)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/25 12:01
S22 7	0	S224 and (Fret)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/25 12:02
S22 9	1	S224 and (reporter)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/25 12:46



## EAST Search History

S228	1	S224 and (label)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/25 12:46
S230	1	S224 and (detector or quencher)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/25 12:47
S231	1	S224 and (detector or quencher) and reporter	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/25 12:48
S234	7	fret same ((ac near3 current) or (alternating near3 current) ) and @ad<"20031229"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/25 12:51
S233	97	fret and ((ac near3 current) or (alternating near3 current) ) and @ad<"20031229"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/25 12:51
S232	3051	fret and ((ac near3 current) or (alternating near3 current) or current) and @ad<"20031229"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/25 12:51
S238	4	S236 and (tamra )	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/25 13:09
S237	0	S236 and (tamra and rox)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/25 13:09
S235	40	fret and ((ac near3 current) or (alternating near3 current) ) and probe and @ad<"20031229"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/25 13:09
S239	45124	(amine same primary same alkyl)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 13:57
S222	147	S221 and @ad<"20031229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 13:57

## EAST Search History

S22 0	3	(amine same signal same enhancer same raman)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 13:57
S24 2	28	S241 and probe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 13:58
S24 1	162	S240 and @ad<"20031229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 13:58
S24 0	4710	(amine same primary same alkyl) same (raman or sers)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 13:58
S24 7	108	((amine near3 primary) same alkyl) and (raman )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 14:09
S24 3	2802	((amine near3 primary) same alkyl) same (raman or sers)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 14:09
S24 5	9	S244 and probe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 14:10
S24 4	107	S243 and @ad<"20031229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 14:10

## EAST Search History

S25 0	11	S249 and (raman same amine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 14:29
S24 9	35	S248 and probe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 14:29
S25 2	3	10/748374 and amine	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/25 14:31
S25 1	2	S236 and amine	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/25 14:31
S23 6	5	10/246779	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/25 14:31
S25 3	167	((amine near3 primary) same alkyl) same (nanoparticle or gold )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 14:33
S24 6	4	((amine near3 primary) same alkyl) same (raman )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 14:33
S25 6	1	S255 and amine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 14:34
S24 8	89	S247 and @ad<"20031229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 14:34

## EAST Search History

S25 5	1	S254 and @ad<"20031229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 14:35
S25 4	3	((amine near3 primary) same alkyl) same (nanoparticle or gold ) same probe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 14:35
S25 8	47	S257 and @ad<"20031229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 14:38
S25 7	69	((((amine near3 primary) same alkyl) same (nanoparticle or gold ) ) and probe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 14:38
S26 1	139	amine same (nanoparticle ) same probe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 14:39
S26 0	3	S259 and @ad<"20031229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 14:39
S25 9	9	((((amine ) same alkyl) same (nanoparticle or gold ) ) same probe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 14:39
S26 4	181	amine near3 nanoparticle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 14:52

## EAST Search History

S26 3	95	S262 and amine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 14:52
S26 5	86	S264 and @ad<"20031229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 14:53
S26 2	95	S261 and @ad<"20031229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 14:53
S26 6	5	S265 and raman	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 14:54
S26 7	36	S265 and probe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 14:55
S26 9	1	("6361944").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/09/25 15:26
S26 8	36	S267 and amine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 15:26
S27 0	2	10/748374 and backbone	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/25 15:35
S22 3	3	10/748374 and less	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/09/25 15:35